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# The Tech News Volume 15, Issue 20, March 4 1924

The Students of Worcester Polytechnic Institute

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# TECH NEWS

VOL. XV

WORCESTER, MARCH 4, 1924

No. 20

## TO PROVIDE FOR ALUMNI FUND

Every Alumnus to Help

MONEY TO BE USED FOR NEW BUILDINGS

On February 8 and 9, the General Committee held its semi-annual meeting. The outstanding accomplishment of the meeting was the adoption of the report of the Finance Committee on plans for an alumni fund. Such a fund might accomplish desirable things.

One big thing would be the support of a permanent secretary. The alumni body numbers about 2800 and is increasing all the time. The duties devolving upon the secretary are becoming more and more. A full time secretary could visit each alumni association at least once each year and make the "Journal" a bigger and better influence on the alumni.

In order to get the right kind of young men for the teaching staff, better salaries should be paid and an alumni fund would permit the Institute to show the Faculty that they receive something more than gratitude.

Improvements on the Hill and the buildings would be possible with an alumni fund. The grounds could be better taken care of and the buildings could be kept in better condition.

The swimming pool, which, it is said, will be "completed in the near future," will be a thing of reality and not a myth. Dormitories, which are a part of every college, could be built here and would attract many more students. New buildings could be built to take care of the increase in students and Worcester Tech would soon take on a more prosperous air.

All these improvements could not be accomplished at one time, yet a very good start could be made if an Alumni Fund were created.

## MUSICAL CLUBS GIVE CONCERT

Mandolin Club Elects Manager

SEVERAL CONCERTS SCHEDULED

On Friday evening, February 29, the Tech Musical Association furnished the entertainment at the Carnival given under the direction of the Young People's Christian Union of First Universalist Church in Worcester. The Tech Crescent Orchestra started off the program with "Linger a While" and "Take Those Lips Away." Next came the Glee Club with two of their best, "Tis Morn" and "Please Won't You Be My Him!" After a weak start the Mandolin Club came through on "I Love You" and "Dream Daddy." "Milt" Bemis then took the stage and put on his act entitled "A Bit of Nonsense." He was well received as was Mabbott Steele who followed immediately with two baritone solos, "Rolling Down to Rio" and "Three for Jack." After the orchestra had played "Claw-Wence" and "Somebody's Wrong," there was a short intermission.

After the intermission the Mandolin Club opened, playing "When It's Night Time in Italy," and "Say it With a Ukulele." "Tom" Stewart sang the first chorus to the first selection and certainly put it across. Next "Tom" tried a few jokes on the audience. The Glee Club appeared again and sang "Waitin' for the Moon to Shine," and then the "Stein Song." N. G. Loud played several saxophone solos, the best of which was Brahms' "Hungarian Dance." "Milt" Bemis came on again to continue his act. After a mandolin solo he finished with several verses of "It Ain't Gonna Rain No More." Then the orchestra played several more selections. The Glee Club closed the concert with the "Winter Song," Tech songs, and the Alma Mater. As the concert was given in the church there was no dancing afterwards.

N. G. Loud has been elected the new manager of the Mandolin Club.

The Musical Association has two concerts scheduled definitely and several more pending. Tonight the clubs go to Brookfield Center. Only men who have regularly attended rehearsals and the local concerts will go on this trip. There will be dancing after this concert.

## HARVARD WINS BASKETBALL GAME

Display Excellent Team Work

HARVARD 37 — WORCESTER 19

The Harvard basketball team showed the Tech hoop shooters under to the tune of 37 to 19 in a fast game last Saturday night. The playing of the Crimson and Gray team was ragged throughout most of the first period and Harvard got away to a substantial lead before the Worcester boys were able to break into the scoring column.

The Engineers stiffened during the early part of the second half, holding the Crimson players on even terms, but were unable to stand the pace and weakened towards the end of the game, allowing the Harvard men to run their count up at a fast rate. The shooting of Gordon, the Harvard captain, and Smith, his teammate in the forward court, featured the game, the Crimson captain sinking seven baskets from the floor, while Smith was only two behind his leader.

Smith, a former Exeter Academy player, who is playing his first season of collegiate basketball, ran wild during the first half, but the Tech guards got onto him and allowed him only one twin-counter in the last half. However, the Harvard score did not suffer, for Captain Gordon took up the good work where his teammate left off.

Sharpe, Tech's diminutive forward, who can usually be counted on for at least a dozen points in an evening's play, was able to garner only three floor goals, and a like number from the free try line. Captain Higgins, feeling the effects of his recent illness, was unable to stand the pace, and young "Eddie" Gross went in for him just before the gun went off for the end of the first half.

Harvard grabbed the lead as soon as the first whistle sounded, never being headed during the game, when Smith,

on a straight pass from the tap, swished one through the hoop. He got away for another two-pointer and added a free try after Rudolphsky had raised the count two points with a pretty shot from under the basket. Smith had added his third basket of the evening before the Worcester score began to rise, Sharpe breaking the ice with a free try. The playing of the Boynton Hill quintet was ragged during this part of the game, although Bittner and Sharpe gave the crowd a couple of thrills when they pulled off two good plays in quick succession. These two plays were about the prettiest bits of team work the team has displayed this year, each man being in the right position at the right moment. The speed of the team at this point had John Harvard baffled for a while, but Tech was unable to score again during the half except by the free try route, and the half ended with Tech trailing 15-7.

With the opening of the second half Harvard was off again, running its score to 20 before the Tech players were able to break through the excellent five-man defense. Bittner scored the first points of this period when he dashed under the basket, dropping the ball through the hoop just as he was fouled by Samborski, adding another point on the free try. After Captain Gordon and Raub had counted, Bittner scored again, with the result that the Harvard defense devoted its time to him, preventing his scoring again during the game.

Tech showed a return to form about the middle of the second half, displaying a brand of passing and dribbling that had the Crimson players worried for a while, when it looked as though

(Continued on Page 4, Col. 3)

## NEW INTERFRATERNITY COUNCIL

Plans Made for Annual Dance

SEVERAL RULES REVISED

A meeting of the W. P. I. Interfraternity Council was held, February 11. At this meeting the new delegates took the place of those of the preceding year. The following students will constitute the Interfraternity Council for the next term: L. G. Morse, Alpha Tau Omega; L. B. Martin, Sigma Alpha Epsilon; W. T. MacAdam, Phi Gamma Delta; H. P. Latimer, Phi Sigma Kappa; T. G. Wright, Lambda Chi Alpha; N. G. Loud, Delta Tau; U. R. Lamay, Theta Chi.

The first thing that was brought up at this meeting was the question of an Interfraternity dance. It was decided to have a dance and MacAdam was appointed chairman of the dance committee.

Professor Adams suggested that an assistant secretary and treasurer be elected. A motion was then passed that this be done and T. G. Wright was elected to this office.

The rules of the Interfraternity Council have been questioned a great deal in the past few months. For this reason the Council has decided to revise some of the rules in question. The rules given below are to be brought up at the meeting on March 3. Everyone is urged to read them carefully and make any suggestions which might be of value in settling once and for all these points which are questioned.

Rule 7, to read.—As soon as a man is pledged or initiated by any chapter, all the other chapters shall be notified in writing within twenty-four hours.

Rule 8, to read.—It is the duty of that fraternity holding the scholarship trophy for any college year to transfer the trophy, before registration day in September, to that fraternity which had for the preceding college year the highest average scholarship, as reported by the office of the Institute. Only

(Continued on Page 4, Col. 2)

## EIGHT TEAMS ENTERED IN BASKETBALL TOURNAMENT

Games to be Played March 14 and 15

MORE TEAMS EXPECTED TO ENTER

Eight teams have already signified their intention of entering the annual Worcester County interscholastic basketball tournament to be held in Alumni Gym Friday and Saturday, March 14 and 15, with the final game being played as the preliminary to the St. Stevens' game, Saturday night. Two or three more are expected to enter before Prof. Carpenter, who is in charge of the tournament, closes the lists, as he is allowing them a few days extra.

Worcester has North and Classical as its hopes. The North team was runner-up last year, while Classical won the city inter-high championship the past season. Other teams in the field from the county are Spencer, Oxford, Southbridge, Northbridge, Clinton and Northboro. All but the last named high school were entered last year.

Don Bennett's Gardner High School team, winners of the first tourney last year, will probably enter, although their entry blank has not been received. Blackstone's blank, all filled out, was on the way last Saturday and will be received early this week.

### VARSITY BASKETBALL

- \*Dec. 15. N. E. 27; Tech 33
- \*Jan. 5. Brooklyn 12; Tech 18
- \* 12. Tufts 44; Tech 18
- \* 16. Harvard 30; Tech 26
- \* 19. Lowell 32; Tech 29
- Feb. 6. Williams 37; Tech 23
- 7. Amherst 40; Tech 32
- 9. Collegians 34; Tech 24
- 13. M. A. C. 23; Tech 9
- 16. Brown 17; Tech 28
- \* 22. U. of M. 30; Tech 26
- \* 23. Alumni 32; Tech 25
- 27. Springfield 40; Tech 16
- \*Mar. 1. Harvard 37; Tech 19
- 5. Brown
- \* 8. N. H. State
- \* 15. St. Stephens
- \*Home Games

## SPRINGFIELD DEFEATS TECH 40-16

Excellent Condition of Winners Tells Story

SHARPE HIGH SCORER OF TEAM

Springfield College basketball team defeated Tech by a score of 40 to 16 last Wednesday evening on the former's floor. Springfield had the advantage over our team since they had a large squad from which to choose the players and their coach took advantage of Tech's weakness in this respect and used practically his whole squad against our team. In spite of this strategy our men were able to play the first half of the game in a speedy manner, but the continual use of new men by Springfield tired Tech's team out and the play during the second half was slow. All the Springfield men were in excellent condition, due to the fact that a training table is kept for the men on the squads. This was another reason why our men were unable to stand the tide of fresh men.

According to Coach Bigler, it was the best game that our men have played this year, considering such points as passing and dribbling. Delphos played a good game at left guard,

preventing many of the Springfield men's shots from reaching the basket. Parsons also played a good game for Tech, in view of the fact that he was not feeling well.

For Springfield, Oosting, playing right back, was high scorer, getting eleven points, while Sharpe held this place for Tech, getting seven points, one more than his team-mate, Delphos.

Line-up:  
W. P. I.—16 40—SPRINGFIELD  
Sharpe rf

If Crawley, Eckerson, Sweeney Bittner lf ----- rf Hanson, Toeb Parsons c

c Stull, Smith, Crawley Higgins rg rg Elliott, Bursey, Oosting Delphos lg lg Oosting, Gordon, Banks Baskets from floor, Sharpe 3, Delphos 3, Bittner, Sweeney 5, Eckerson 2, Crawley, Smith 3, Oosting 4, Bursey 2, Berry, Fouts, Sharpe, Parsons, Hanson, Crawley, Smith, Stull, Oosting 3, Elliott. Free tries missed, Sharpe, Bittner 2, Parsons, Delphos 2, Toeb 3, Hanson, Crawley, Oosting.

## TECH NEWS

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R. M. Browning, '27

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THE HEFFERNAN PRESS  
Spencer, Mass.

February 26, 1924

### PROPER SPIRIT

The worst demonstration of the wrong kind of spirit that has been shown at Tech for some time was the mutilation of one of the posters in Boynton Hall advertising the game with Harvard.

Some fool had written across the bottom, "another beating." That no man who had any interest in the team or any interest in his school would do this is certain. The least any of us who "cannot play the game" on the field for the school is to "play the game" by supporting the teams that are doing their best.

No punishment is bad enough for anyone who is so ignorant and narrowminded to do a thing like this. If there is no spirit in the school to revolt at such a thing and make an example of the perpetrator, it is high time we discontinued any activities.

Anyone who knows anything about the affair would be doing the school a justice by giving out the facts.

### ENGINEERING

What is your aim in life, or are you without one? Are you just drifting aimlessly through life? By the time a man has arrived at the college stage of life he should be fairly well determined as to his future occupation.

The choice of a career, or life work, is a most serious matter and should be dealt with as such. The aim of every worth while career must be determined with special consideration of the person's talents and interests together with the opportunities offered for the assumption of responsibility. The most successful men are performing duties and tasks to which they are best fitted. They derive their greatest pleasure from their work and not from amusements. A person's value is de-

termined upon his ability to perform useful work, not alone for himself but for his community.

The different kind of careers are innumerable, but to us they appear to be divided into three groups: first, non-engineering, which includes all not following engineering as a course of study, such as doctors, clergy, etc.; second, engineering, which includes those studying engineering who, after graduating, follow a different vocation but using their training indirectly; third, and last, but the most important to us, engineering, which includes those who study to be and are strictly engineers.

The engineering profession affords an opportunity in a variety of fields. Among these some of the most important are: manufacturing, mining, quarrying, production of oil and gas, power generation, power transmission, public utilities, transportation by land, water and air, communication, public works, building operations, heating and ventilation, and material handling. In nearly all of these the engineer is usually a specialist in one or more of the following lines: research, design, production, operation, commercial or executive.

Engineering is largely applied physics, mathematics, and chemistry. If it were not for the peculiar properties of metals, liquids, gases, etc., there would be little engineering. "In short, engineering is the art of making the structural properties of matter available to man."

Progress is the nucleus around which engineering is built. Research or the discovering of new facts and ideas, is the foundation of progress. From this we can somewhat vaguely describe the different types of engineers. A practical engineer makes use of the existing knowledge and carries the routine work along. The research engineer looks into the unknown and systematically adds knowledge to our ever growing store. Engineers of both kinds are important, for one without the other would be useless.

In earlier days much depended upon the individual inventor. But engineering and science at that time were far more simple than they are today. Consequently no one human brain can curb all this knowledge and then advance, for life is too short. Therefore it is necessary for one to specialize.

The present day world of science calls for men of superior mentality who are highly trained. The field is large and Tech offers us every opportunity to fit ourselves for this work. Let us avail ourselves of this opportunity.

### AS SEEN BY THE "FROSH"

As we slowly climb the ladder of success, our period of life here at Tech contains certain landmarks which impress themselves upon us. The rather intimate association on the Hill, for the time spent here, has given us a close up of the characteristics of our classmates and more especially of our professors.

"Pop" Adams' genial, "Now Gentlemen—" (propitious and mild) contrasts itself with "Coomble's" businesslike "Now, gentlemen, as I was saying—" (emphasis), thus showing the two opposites which are essential to the balanced whole.

"Doc" Zinn's intense interest in the application of chemistry to the economic world of today, combined and idealized by his original and awe-inspiring chemical theories are landmarks we can't overlook.

Prof. Carpenter has led us through bloody scenes of rock and ruin in his physics lectures of the second term, until some of faint heart have had to leave the room to regain a firm grip on life. Dizziness and a foreign feeling in the pit of the stomach have been

known to accompany too close an attention to the lectures.

"Pop" Monroe, alias, "Motor boat Monroe," is all that his name implies. If the mile post of process ten has been successfully passed future success is assured. Rigid adherence to the rules and regulations laid down in the bible of the patternmaking shop—the blue print—will win you a place nearest his four cycle engine, from which you may learn through him, the broad subject of navigating a motor boat.

Prof. Morley has lead us through the shadows of adversity and the deep waters of ignorance into the sunlight of a speaking acquaintance with trig, and we hope, analyt (eventually).

Why not now? An embarrassing question. Having dealt so mercilessly with our teachers perhaps the wisest course to pursue henceforth would be that of silence. May they recognize our good intentions when they realize our limitations ere our marks fall to zero.

### A PLAN TO BOOST THE TECH SHOW

To make a success of the Tech Show it is fundamentally important to have a large audience. This means, of course, a large sale of tickets. How can we bring about such a sale?

There is, however, the ordinary, or conventional method of advertising: such as newspapers, signs and theatre

bill boards. But none of these arouse any undue amount of interest, and they all have a low percentage of efficiency with relation to the cost.

Here at Tech we have a vast amount of energy, which, if properly directed, might accomplish much. This refers especially to the rivalry between classes which is most prominent between the Freshmen and the Sophomores. The various interclass events prove the prowess of the classes.

Thus far the physical strength of the two lower classes seems to rest at an equality. Of course there are other events coming which will further test the physical abilities of the classes. But why not originate some way to test their mental ability.

Here is a plan which will increase the sale of tickets for the Tech Show and at the same time form a spirit of co-operation of the classes. A small silver cup might be awarded to the class that can sell the highest percentage of tickets. The percentage per man could be arranged so as to give an equal chance to each class.

It must be remembered that a good engineer is a good salesman, not only of mere articles but of his own knowledge. This plan will test our salesmanship, and consequently our ability along a certain line to become an engineer. If this plan should prove a success, it could be adopted as a yearly event. Let's see which class has the superior engineers.

### Y. M. C. A. PLEDGES DUE

In reply to the annual request for subscriptions toward the support of our Y. M. C. A., made in November, a very commendable showing resulted. Upwards of four hundred dollars were pledged to this worthy cause. A similar compliment as regards the payment of these pledges would be slightly out of place, at least at this time, as up to the present, slightly over two hundred dollars has been paid, one half of the total unpaid.

This isn't a warning and shouldn't be taken as such. It is merely a gentle reminder and here is how it should be taken. First, cut this article out and paste it in your hat; next accumulate a little extra money; consult the aforementioned clipping; wander over to the Alumni Gymnasium and ask for Secretary Hall.

### M. E. DEPT.

Through the courtesy of Messrs. Aldus C. Higgins, '98, and John C. Spence, '03, the Norton Company has placed in the Institute Shops, one of their latest type of Universal Grinders. Instruction on the use of this machine will be given by Professor H. P. Fairfield as a part of the course in Tools, Jigs and Fixtures. Cutters, Reamers, Mandrels, etc., are ground on this machine as well as a great variety of other work.



MICHAEL FARADAY  
1791-1867

Apprentice to an English bookbinder. Attracted the attention of Sir Humphrey Davy, becoming his assistant. "The greatest experimentalist of all times," says one biographer. The electrical unit Farad was named for him.

## "What's the use of it?"

Michael Faraday saw the real beginning of the age of electricity nearly a century ago when he thrust a bar magnet into a coil of wire connected with a galvanometer and made the needle swing.

Gladstone, watching Faraday at work in his laboratory, asked, "What's the use of it?" The experimenter jestingly replied, "There is every probability that you will soon be able to tax it." The world-wide use of electricity that has followed the Faraday discovery abundantly justifies the retort to Gladstone.

Faraday's theory of lines of force is constantly applied in the Research Laboratories of the General Electric Company in devising new electrical apparatus of which Faraday never dreamed. Every generator and motor is an elaboration of the simple instruments with which he first discovered and explained induction.



In 1880 the Edison Electric Illuminating Company, of New York City, installed a generator of 1200 lamps capacity, then considered a giant. By continuous experimentation and research the General Electric Company has developed generators 900 times as powerful as this wonder of forty years ago.

# GENERAL ELECTRIC



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### FRATERNITY NOTES

#### Delta Tau

Delta Tau wishes to announce the initiation of F. V. Haskell, '26, P. M. Lowell, '27, B. S. Dickinson, '27, and L. W. Lewis, '27.

The pledging of H. J. Brown, '27, and R. M. Browning, '27, is announced.

The nineteenth annual convocation and banquet was held Saturday, February 23, at which a large number of alumni were present.

A Washington's Birthday party, which included a house dance and a sleigh ride party, was held over Thursday and Friday, Feb. 21 and 22. Brother and Mrs. Roger M. Lovell were the chaperons. Among the girls present were: Dorothy Pollard, Norton Elizabeth Havens, Worcester; Florence Tyler, Auburndale; Caroline Sauer, Hartford; Ethel Mills, Worcester; May Thurston, Hartford; Elinor Hall, Providence; Bernice Lagerquist, Keene; Helen Copeland, Worcester; Evelyn Giles, Worcester; Marion Hunt, Barre; Alice Whalley, Norton; Deborah Groux, Providence; Ruth Frye, Wellesley; and Flora Chapman, South Hadley, Evelyn Thurlow, Amesbury.

#### Alpha Tau Omega

Alpha Tau Omega wishes to announce the initiation of E. R. Stevens, '27, F. C. Pomeroy, '27, L. S. Clark, '27, E. J. Ungethuen, '27, W. S. Chapin, '27, H. C. Waite, '27, and D. S. Bliss, '27.

A house dance was held February 21, the patrons and patronesses being Prof. and Mrs. Joseph Phelon, and Mr. and Mrs. Ivan Bigler.

The eighth Biennial Conclave of Province four was held at the Hotel Westminster, Boston, on February 22. A large delegation from the local chapter attended.

#### Theta Chi

Theta Chi wishes to announce the initiation of E. A. Johnson, '26, V. K. Pitfield, '27, L. G. Jaquith, '27, and the pledging of D. L. Merrill, '27, and P. A. MacArdle, '27.

An informal house dance was held Thursday evening, February 21. There were about fifteen couples present and a good time was had by all. Dancing was from 8.30 to 12.

Among the recent visitors at the house were George Nelson, '23, Richard Field, '22, Sid Anthony, ex-'24, H. Brown, ex-'25, C. Johnson, ex-'24, K. Beckley, ex-'24, Brother Thompson of the M. A. C. Track Team, and Brothers Horsman and Newell of the U. of Maine Basketball Team.

#### Lambda Chi Alpha

Lambda Chi Alpha wishes to announce the initiation of J. M. Miles, '27, R. G. Whittemore, '27, B. J. Wahl, '27, C. H. Kauke, '27, and R. E. Bliven, '27.

A house dance was held Thursday, February 21. Professor and Mrs. H. F. Taylor acting as chaperons.

"Tote" Bliss, ex-'23, who has recently graduated from Brown, was a visitor at the house.

Word has been received of the engagement of Happy Kallander, ex-'24, to Miss Alice McIntire, a sophomore at Boston University.

#### Phi Sigma Kappa

Phi Sigma Kappa wishes to announce the initiation of R. E. Jones, '27, G. J. Heckman, '27, J. F. Wood, '27, C. P. Brackett, '27, H. B. Mallett, '27, W. J. Breen, '27, G. E. Rice, '27, E. W. Gross, '27, R. K. Irons, '27, F. C. Taylor, '27, H. W. Bodwell, '27, J.

The function of this store goes far beyond the mere sale of furniture, it has to do, in an intimate way, with the making of Better Rooms and Better Homes complete—through sensible counsel, intelligent advice and friendly service.

**DENHOLM & McKAY COMPANY**

C. Rogers, '27, L. Query, '27, and C. T. Smith, '26.

A very pleasant evening was spent in the form of a house dance Saturday, February 23. Mr. and Mrs. "Don" Hamilton were the chaperons.

Brothers Campbell, Stoughton, and Pickwick were back to participate in the alumni game.

Among the recent visitors at the house were Brothers Morrison, Sponberg, Swallow, Sever, Craig, Thayer, Turner, Penfield, Brown, Lambert, and Robinson.

The pledging of P. F. Meigs, '27, is announced.

#### WIRELESS ASSOCIATION

On Monday night, February 11, the Wireless Club held their fifth meeting of the year at which much of the Club's business was discussed. It was voted that the Club's picture for the Aftermath be taken Thursday noon, also that the picture of the new C. W. Transmitter along with the other apparatus, be taken and sent in to "Radio Relays." Attention is called to the radio magazines placed in the E. E. library by the Club for the benefit of those interested. The "Radio Relays," a new first district radio magazine is to be found among them.

W. B. Gould, chief operator, is working on a new operation schedule. He also reported on the immense progress in the building of the new transmitter which is nearly completed.

A committee was appointed to arrange for a meeting of the various clubs and enthusiasts of Worcester and the surrounding towns at which

it is hoped that either or both Mr. F. H. Schnell and Mr. Reinarts may be obtained as speakers.

Remember the box in Boynton Hall for radio messages. Any and all messages will be sent free of charge; just drop them in the relay box.



### SOPHISTICATED

You'd be surprised at what he knows! He didn't learn it all in a book, either. For instance—his clothes are dreams and his grooming an inspiration.

He gets that finely turned-out head from "Vaseline" Hair Tonic. It smooths and grows the hair. At all drug stores and student barber shops.

Every "Vaseline" product is recommended everywhere because of its absolute purity and effectiveness.

**Vaseline**  
HAIR TONIC

Chesebrough Mfg. Co.  
(consulted)

## He Reached the Top

THE Vice-President of a great life insurance company who began his career as an agent has this to say to seniors who are about to graduate from college:

"If you love work and desire to pursue an honorable, useful and lucrative mission in life this is the business for you to take up. Life insurance salesmanship offers a fine field for the energies of the splendid young men in our colleges.

"That this is true is demonstrated by those college men who have taken up life insurance for they have shown that the college man is fit for this kind of a job and that the job also is fit for the college man.

"The work of the life insurance salesman is distinguished by independence and opportunity for directing his own. It gives all possible opportunity for individual initiative and a chance to make an ample income at an age when most fellows are struggling on a wage pittance."

That is the story of one who began at the bottom and reached the top without the help of a college education. The advantages are with you who graduate from college. Before deciding your career make inquiries of the "Agency Department."

**John Hancock**  
LIFE INSURANCE COMPANY  
OF BOSTON, MASSACHUSETTS

Sixty-one years in business. Now insuring One Billion Seven Hundred Million Dollars in policies on 3,250,000 lives

### LOOK FOR THIS NAME ON THE NECKBAND



The name is all  
you need to know!

A good name and the high standard which it invariably stands for are inseparable. So it is that, to well-dressed men, "Cheney", in the neckband of a cravat, has come to mean correctness of style and pattern, craftsmanship of weave, and excellence of materials.

**CHENEY**  
CRAVATS

ALSO TUBULARS AND HAT WINGS

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The makers of Cheney Silks

Sold by

Denholm and McKay Co.  
Ware Pratt Co.  
Kenney, Kennedy Co.

W. J. Woods Co.  
Besse Bryant Co.  
The C. T. Sherer Co.



"What a difference  
just a few cents make!"

**FATIMA**

Boston Brockton Beverly Lynn Hyde Park Providence  
Worcester Springfield Salem Hartford

## Headquarters For Tech Men

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Kuppenheimer's Clothes  
Stetson Hats, Manhattan Shirts

## LINCOLN

The name implies high ideals  
**QUALITY FAIRNESS SERVICE**  
**THE LINCOLN LUNCH**  
Embodies them

## TECH MEN

Let us continue to serve you

## How is Your Fountain Pen Working?

Remember we repair all makes in our  
own workshops

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"THE PAINT STORE"

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Flowers by wire anywhere

LANGE—20 ELM ST.

PARK 156

## COUNCIL MEETING

(Continued from Page 1, Col. 2)

actual members,—not pledges,—of the  
fraternity shall be considered in mak-  
ing this award.

(Note: This wording is still some-  
what ambiguous. The following is sug-  
gested by the secretary.—The Interfrat-  
ernity scholarship trophy shall be held  
each year by that fraternity attaining  
for the previous year the highest aver-  
age scholarship as determined by the  
office of the Institute. Only actual  
members,—not pledges,—of the frat-  
ernities shall be considered in making  
the award. In case the fraternity holding  
the award for a given year fails to  
win it the succeeding year, it shall be-  
come the duty of that fraternity to  
transfer it, before registration day in  
September, to the fraternity then en-  
titled to it.

Rule 10, to read,—In all interfrat-  
ernity sports, letter men of the immedi-  
ately preceding year shall be barred  
from competition in that sport in which  
they won their letter.

## AFTERMATH

With the compiling of the After-  
math nearly to a finish there are still a  
few delinquent clubs who have not as  
yet turned in their pictures. It is the  
wish of the board that these clubs  
would do so immediately, as outlined  
in the letter sent them by the editor-in-  
chief.

The editor-in-chief would also like to  
see any person who has attractive  
views of the Hill that would be kind  
enough to give them to him.

A. R. Brown, '25, is now at work get-  
ting new characteristics of all the pro-  
fessors. This item alone ought to es-  
pecially entice the Freshmen to buy  
the Aftermath.

The engraver is working on the  
Senior's pictures and they soon will be  
finished.

"Quality Always First"

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Cutlery, Tools, Mill Supplies, Auto Ac-  
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Opp. Postoffice

A man in each division will be given  
pledge cards for the 1924 Aftermath.  
This does not make it necessary for  
the signed to pay at once but it makes  
you sure of receiving your Aftermath.  
Everyone sign one of these cards as  
soon as possible.

## SCPTICAL CHYMISTS

The ninety-fifth regular meeting of  
the Sceptical Chymists was held in  
the Salisbury hall Monday night, Feb-  
ruary 24 at eight p. m.

Officers for the coming year were  
elected as follows: President, J. K.  
Sterret, '25; Vice-President, G. Buddy,  
'26; Secretary-Treasurer, L. V. Quigley,  
'23; two year councillor, H. C. Peinert,  
'26; one year councillor, D. M. McAn-  
drew, '25.

Through the courtesy of the Gen-  
eral Electric Company Dr. H. E. Wat-  
kins of this city displayed two films  
on a new motion picture machine  
which the Chemistry Department con-  
templates buying.

One of these, "Beyond the Micro-  
scope," gave by means of animated  
drawings a very clear insight into the  
behaviour of electrons and ions, and  
was of especial interest to the gather-  
ed Chymists.

The other was a reel of scenes taken  
in our forest regions, showing the lum-  
ber industry from trees standing to  
finished lumber.

Between these reels G. C. Willard,  
'24, talked on "Spectrographic Analy-  
sis" as carried on by the United States

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good income while learning; we  
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unnecessary; no canvassing; send  
for particulars. Newswriters Train-  
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Men's Half-soles and Goodyear Rubber  
Heels \$1.40

WHOLE SOLE WORK A

SPECIALTY

Government at the Bureau of Stan-  
dards.

## HARVARD GAME

(Continued from Page 1, Col. 5)

their lead would be cut considerably.  
Delphos, who has been shifted to a  
guard position, and was acting Captain  
after Higgins left the game, tore down  
the side, took a pass and dropped a  
neat twin-counter through the hoop,  
and he was followed immediately by  
Sharpe, who accounted for two points.  
Harvard took time out at this point,  
and after a consultation started to re-  
gain the lost points. Gordon tried a  
long shot from the center of the floor,  
which added two points, and Rauh,  
the Harvard center, swished one  
through the net from the corner.

Captain Gordon, showing his usual  
brand of shooting, added another two-  
pointer. Tech's hopes were raised for  
a moment when Sharpe scored his last  
basket of the evening on a difficult  
shot from the corner, and Delphos was  
in a position to shoot, but his try  
rolled around the hoop and out. Har-  
vard had scored four points before he  
had another chance to shoot success-  
fully. Rauh ended the scoring of the  
evening with a neat shot from the side.  
Lineup:

HARVARD—37 19—TECH  
Gordon, Merriam lf rb Higgins, Gross  
Smith rf lb Delphos  
Rauh c c McAuliffe, Lyman  
Rudofsky lb rf Sharpe  
Samborski, Black rb lf Bittner

Baskets from floor: Smith 3, Gordon  
7, Rauh 3, Rudofsky, Sharpe 3, Bitt-  
ner 2, Delphos 2 Baskets on free tries:  
Sharpe 2, Bittner 3, Smith, Gordon 2,  
Rauh, Rudofsky. Free tries missed:  
Sharpe, Bittner 4, Delphos 2, Smith,  
Gordon 2, Rauh 3. Fouls called: on  
Sharpe, Bittner 2, Gross 3, McAuliffe,  
Gordon 2, Rauh 3, Samborski, Black,  
Rudofsky 3. Referee: Mullen. Timer,  
Kimball. Time, two 20-minute halves.  
Attendance, 1,000



Damon—

"Do you really think that a  
good pencil helps you to do  
better work?"

Pythias—

"I know it does! Why, I'm  
even able to read my own  
handwriting, now that I've  
started using a Dixon's  
Eldorado!"

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ELDORADO**  
"the master drawing pencil"  
17 leads—all dealers



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Worcester, Mass.

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